

SECRET

OUT 45638

26 JUL 68 23 40Z

P 262315Z JUL 68

FM NPIC WASHDC

TO RUCSAAA/SAC OFFUTT AFB OMAHA NEB

RUMTERA/100TH SRW OL 19 MCCOY AFB FLA

RUMJDBA/100TH SRW DAVIS MONTHAN AFB ARIZ

RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD

RUTALIA/CIA WASH DC

RUFQJFA/DIA ATTN: DIAXX-2

RUMBKNA/15TH AF MARCH AFB RIVERSIDE CALIF

RUEFHQA/HQS USAF

BT

S E C R E T CITE NPIC 4286.

SAC FOR DIR, DQSR, DISD; 15TH AF FOR DI. DO; 100TH SRW FOR CO, DCOI; HQ USAF FOR AFRDR

FROM NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER.

SUBJ: EVALUATION OF GLASS LAMP MISSION G-034.

1. QUALITY SUMMARY: MISSION G-034 FLOWN ON 23 JULY 1968 PROVIDES IMAGERY COMPARABLE TO THAT OF PREVIOUS MISSIONS UTILIZING UNIT B-24. THE IMAGERY ON MANY FRAMES APPEARS DISTURBED, POSSIBLY DUE TO VEHICLE VIBRATIONS. THE GROUND RESOLUTION AND INTERPRETATION

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SUITABILITY IS FAIR TO GOOD WHERE NOT DEGRADED BY ATMOSPHERIC CONDITIONS. CLOUD COVER AND HAZE OBSCURE TEN PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "R" CONFIGURATION CAMERA, UNIT NUMBER B-24, WAS USED IN MISSION G-034 FLOWN ON 23 JULY 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE 5 WAS USED ON FRAMES 0001 TO 1824. FRAMES 1825 TO 1828 WERE EXPOSED IN THE V, 3R, 2R AND 1L POSITIONS RESPECTIVELY.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY THE NAV RECON TECH SUPPCEN. ALL MATERIAL WAS PROCESSED TO A 0.5 GAMMA AT A SPEED OF 2.32 (LOG E).

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE FIRST HALF OF THE MISSION IS UNDEREXPOSED; HOWEVER, AS SOLAR ELEVATION INCREASES THE EXPOSURE APPROACHES AN ADEQUATE LEVEL.

B. DENSITY AND CONTRAST: THE DENSITY IS GENERALLY THIN TO MEDIUM AND THE CONTRAST IS CONSIDERED TO BE MEDIUM.

C. IMAGE DEGRADATION:

(1) 9R SIDE: A ROW OF PLUS DENSITY (FINE HAIR LIKE) LINES

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6.3 INCHES APART IS LOCATED 5.5 INCHES FROM THE INBOARD EDGE OF THE FILM ON THE FIRST 50 PERCENT OF THE MISSION.

(2) 9L SIDE: MINOR INTERMITTENT MINUS DENSITY DOTS ARE PRESENT THROUGHOUT THE MISSION.

(3) BOTH SIDES: MINOR OUTBOARD EDGE FOG AND INBOARD

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
2	CABLE SEC.	
	PP&B/ED	
	SECUR.	
3,4	TSSG/AD	25X1
	PSG/OC	
	RRD	
	REPRO	
	AID	
	IEG	
	PROD	
	SCIEN	
	WEST	
	EAST	
	M&S	
5	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	25X1
	CMX	

ADVANCE G1
SANITIZED
WITH TEXT

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

- 2 -

ROLLER CHATTER ARE PRESENT THROUGHOUT THE MISSION. FRAMES 557, 755, 1523 AND 1825 CONTAIN IMAGERY THAT IS SEVERELY SWEARED DUE TO VEHICLE MANEUVERING.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: THE OUTBOARD FILM EDGE IS SCALLOPED ON FRAMES 1874 THRU 1828. A SMALL HAIR LIKE EMULSION SCRATCH, 7.2 INCH LONG, LOCATED 6.5 INCHES FROM THE INBOARD EDGE AND SPACED 6.3 INCHES APART IS PRESENT ON FRAMES 233-1196. HEAT SPLICES ARE LOCATED BETWEEN FRAMES 667/668 AND IN FRAME 882. A MANUFACTURING SPLICE IS LOCATED ON FRAME 1326.

(2) 9L SIDE: A HEAVY EMULSION SCRATCH, 1.65 INCHES LONG, 3.5 INCHES FROM THE INBOARD EDGE OF THE FILM IS PRESENT ON FRAME 1827. A HEAT SPLICE IS LOCATED IN FRAME 865. PINHOLES ARE PRESENT INTERMITTENTLY THROUGHOUT THE MISSION.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED

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PROPERLY.

F. OTHER: THE LAST TITLED FRAME IS 1827, COUNTER NUMBER 1828.

4. POSITIVES: THE PRINTING AND PROCESSING WERE GOOD.

GP-1

S E C R E T

-- END OF MESSAGE --